



Advanced Micro Systems

26188 ADAMOR RD.

CALABASAS, CALIFORNIA 91302

213/880-4670

Good news, **ALTAIR** users! Now you can not only give your **ALTAIR** system a face lift, but join the **IBM 3741 Compatible CP/M** world! As you know, **CP/M** is the most widely used Operating System for 8080 and Z80 Computers, and the 8 inch, IBM 3741 soft sector format is the most commonly used media. That means that vast amounts of high quality software will now be available to you. In addition, your Soft Sector disks will also be capable of **Double Density** operation with capacities approaching **600,000 bytes per side!** But that's not all!

You can virtually **make your ALTAIR a brand new system** (and a more powerful one) **while still using every part of your conventional ALTAIR/MITS hardware and all of your software files!**

Here's how **you** can achieve this with **minimum effort** and obtain **Maximum efficiency** out of your new powerful system:

1. People who do not own a disk drive can order one or more disk drives complete with controller, **CP/M Version 2.x Operating System** and optionally, the **Wordstar**, **Datatar** or other software packages described on the attached pages.
2. People who do own one or two PERTEC FD400 DISK DRIVES can order one or more disk drives with controller, and **CP/M 2.x Operating System**. This system has been modified to run your existing Pertec Disk and controller as **CP/M drives "C" and "D"**. Of course, all the **CPM software packages** described on the attached pages are available to you.

For your convenience, the following utilities running under **CP/M** are included as part of the transition package allowing you, after conversion of your old files to the new system, **the use of your previous ALTAIR/MITS applications software and PERTEC FD400 disk drive:**

- a. A **'DIRECTORY'** module to list the files previously recorded in **ALTAIR/MITS EXTENDED DISK BASIC** format on a **PERTEC FD400 Drive**.
- b. A **'TRANSFER'** Module to transfer disk files written under the **ALTAIR/MITS** system onto your **CP/M** system.
- c. A **'FORMAT'** module to initialize the hard-sectored floppy disks used on the **PERTEC Drives** into a **CP/M** compatible format.

We realize this brief description may leave you with some unanswered questions about our product. Why not give us a call, or use the enclosed reply coupon so we can answer your questions.

Sincerely,

Baudoin Daumerie, President

P.S. This Letter was produced using Wordstar!

BLD/soa
Enclosures

DataStarTM

DataStar is a powerful, comprehensive data entry, retrieval and update system for microcomputer systems.

DataStar features include:

Power and facilities usually found only in large key-to-disk systems: DataStar has exceptional features that have previously been unavailable on microcomputer systems. For example, DataStar allows you to access data files during data entry. This feature allows data from reference files to be used to automatically fill-in standard information on the current form. The operator has then only to enter additional, or more current, data.

Data Verification: allows verification of entered data in several different ways, thereby greatly reducing entry errors.

Comprehensive help messages and instructions displayed on the screen: provides the assistance you need without having to constantly refer to the user manual.

Arithmetic Operations: DataStar can perform arithmetic calculations and automatically input the results into datafields as desired.

Search/Retrieval and Edit/Updating operations: DataStar provides several ways to search for a desired record. Once retrieved, the record may be edited and/or updated with additional information, or deleted entirely if desired.

Extensive capabilities for use with other programs: DataStar can easily be used as the data entry portion of your inventory, accounting or employee applications programs without requiring expensive modifications to your existing software.

Compatibility with any CP/M* supported programming language: files constructed with DataStar can be used with BASIC, FORTRAN and COBOL applications programs.

MicroPro Products:

WordstarTM is a screen-oriented text editing and word processing program.

Software*/Manual, \$495/\$40.00.**

MailMergeTM (WordStar required) is a powerful file merging tool. Variables from data files are inserted in specified places within text and rejustified. Includes nested and chain printing capabilities.

Software*/Manual, \$150/\$10**

DataStarTM is a system for data entry, retrieval and updating.

Software*/Manual, \$350/\$35.**

SuperSortTM is a sophisticated sorting program that will select and re-arrange information from data files.

Software*/Manual, \$250/\$25.**

I/O MasterTM is a S-100 interface card that provides two serial ports with FIFO BUFFERS and two parallel interfaces, one for daisy wheel printers and the other for printers using the Centronics-type interface. Allows saving hundreds of dollars yet gets better performance. **\$495.**

*Price of Software includes manual.

**100% credit if software is purchased later.

Prices and specifications subject to change without notice.

MicroPro software products will operate on Z-80, 8080/8085 computers running under CP/M* or any derivative operating system. Compatible models include:

Altos, Cromemco, Dynabyte, Digital Systems, Exidy, GNAT, Heath, IMSAI, Intel MDS, Intelligent Systems, Industrial MicroSystems, Kontron, Micromation, North Star, Ohio Scientific, ONYX, RAIR, R2E, S.D. Systems, TEI, Superbrain, TRS, Vector Graphics, Zenith and Zilog.

*Trademark of Digital Research

MicroPro products currently can *not* be operated on the following systems: Apple, PET, SWTP Co.

For more information on **MicroPro** products, **CALL or WRITE**

Advanced Micro Systems
26188 Adamor Road
Calabasas, CA 91302
(213) 880-4670

Detach and Return for Ordering

Item	Price
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____
If Ordered in California ADD 6% Sales Tax	

	Total _____

Prices, terms, specifications subject to change without notice

Allow 30-60 days for delivery from receipt of your order. Price FOB Calabasas, CA 91302

WORDSTAR and DATASTAR are a TRADEMARK of MICROPRO.

DISCUS 2D, DISK JOCKEY, SUPERRAM SWITCHBOARD and WUNDERBUSS are a TRADEMARK of MORROW DESIGNS, INC.



the screen-oriented, integrated word processing system specifically designed for non-technical personnel.

WordStar features include:

Print Spooling: Simultaneous printing and editing.

Help messages: comprehensive prompting eliminates the need to refer to a manual. Four levels, user selectable.

Video editing: text is displayed on a screen; any change is immediately displayed. The size at the document being edited is limited only by disc capacity.

Powerful editing commands: text can be inserted, deleted, moved, copied or read from files. A string of data can be found, and replaced with other data.

Word-Wrap: virtually eliminates the need for carriage returns. A word too long to fit at the end of a line is automatically moved to the next line.

Dynamic page break display: shows the location of the end of a page on the screen. Dynamically updates as changes are made.

Print enhancements: Boldface, Double Strike, Underline, Strikeout, subscripts, superscripts, variable character pitch, variable line height and alternate type style or ribbon color are all possible using a daisy-wheel printer.

Flexible formatting: the user can choose either a ragged or justified right margin, or mix both.

Flexible Pagination: user control of page length, top and bottom margins, heading/footer/page number locations and pagination directives.

Hyphen-Help: alerts you when the last word on a line is too long to fit. You can choose between hyphenation or moving the whole word to the next line.

Decimal Tab: allows columns of numbers to be typed as easily as operating an adding machine. **WordStar** will line-up the decimals, automatically.

Paragraph Indent: temporally sets the left margin to a tab stop so that documents with multiple indentations (like outlines) can be typed easily.

Program Execution: allows a program (such as an operating system utility) to be executed, with automatic return to **WordStar**.

MailMerge*: (optional) is a powerful file merging tool. It can combine a file containing names and addresses with a file containing letter text, inserting data where variables are specified, even in mid-paragraph. It enables "personalized" form letters to be created with a specified salutation and/or closing. The same data file can be used for both form letters and mailing labels.

Multiple copy printing*: allows the same file to be printed more than one time, automatically.

Chained printing*: a file name can be specified within text. The file will later be printed, automatically.

*Items are features available in the optional "Merge-Print" module at a cost of \$150.00.

MicroPro Products:

Wordstar™ is a screen-oriented text editing and word processing program.

Software*/Manual, \$495/\$40.00.**

MailMerge™ (**WordStar** required) is a powerful file merging tool. Variables from data files are inserted in specified places within text and rejustified. Includes nested and chain printing capabilities.

Software*/Manual, \$150/\$10**

DataStar™ is a system for data entry, retrieval and updating.

Software*/Manual, \$350/\$35.**

SuperSort™ is a sophisticated sorting program that will select and re-arrange information from data files.

Software*/Manual, \$250/\$25.**

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PRICE LIST

SOFTWARE

HYBRID CP/M® 2.x DUAL DENSITY/QUAD DENSITY SUPPORT MODULES to run new and old controller, new and old disk drives, plus 'DIRECTORY', 'TRANSFER' & 'FORMAT' programs. (For Morrow Designs Discus 2d & 2+2 only).....	375.00
DIGITAL RESEARCH CP/M (Version 2.x for Disk Jockey 2D Controllers).....	150.00
MICROSOFT EXTENDED DISK BASIC.....	299.00
MICROSOFT FORTRAN.....	399.00
WORDSTAR™ Word Processing System.....	495.00
Mail Merge Option.....	150.00
DATASTAR™ Data Entry Program.....	350.00

DISK SYSTEMS

All DISCUS™ Systems are complete with Controller and CP/M including
Assembler, Editor, Debugger, and other standard utilities.

DISCUS 2D Assembled - one drive double density system.....	1199.00
DISCUS 2D Assembled - two drive double density system.....	1994.00
ADDITIONAL DRIVE FOR ABOVE - (One Sided with Cabinet & P.S.)....	795.00
DISCUS 2+2 Assembled - one Drive 2-sided double density system.....	1545.00
DISCUS 2+2 Assembled - two drive 2-sided double density system.....	2740.00
ADDITIONAL DRIVE FOR ABOVE - (Two Sided with Cabinet & P.S.)....	1195.00
220 Volt 50 Hz Power Supply Option (PER DRIVE).....	25.00

Available on purchase of additional drives:

Dual drive cable.....	35.00
Additional Connector on cable for mult. drives - add for each...	15.00

TERMINALS AND PRINTERS

COMPLETE MICROPRO WORD PROCESSING PACKAGE:

NEC SPINWRITER, I/O MASTER FIFO INTERFACE BOARD, WORDSTAR, TELEVIDEO 912C TERMINAL, Serial & Parallel Cables.....	4767.00
Same as Above WITHOUT TELEVIDEO 912C and Serial Cables.....	3972.00
TELEVIDEO 912C.....	795.00

OTHER HARDWARE

Disk Jockey™ 2D Contoller (Double Density).....	429.00
SuperRam 32K Static Ram Board.....	699.00
SuperRam 16K Static Ram Board.....	349.00
Memory Master 16K Static Ram with Bank Select.....	399.00
Memory Master 24K Static Ram Board with Bank Select.....	549.00
Switchboard I/O Board.....	259.00
Optional 2114 Ram for above.....	70.00

Wunderbuss™ Mother Board (Assembled with all Edge Connectors).

20-slot.....	226.00
12-slot.....	175.00
8-slot.....	144.00

Prices, terms, specifications subject to change without notice

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Monday - Friday : 10 - 8 Saturday : 10 - 6

COMPLETE QUALITY SYSTEMS AT LOW, LOW PRICES !

ALL SYSTEMS ALLOW UPWARD EXPANDABILITY AND INCLUDE :

1. DECISION I™ BASIC UNIT featuring :

- a. Z-80A CPU 4-to-6 MHZ
- b. 3 serial & 2 Parallel Ports
- c. Hardware & Software Superv.
- d. Memory Map
- e. Real Time Clock
- f. Programmable Interrupt Controller
- g. Digital Research CP/M 2.2 O.S.
- h. Microsoft Extended Disk Basic
- i. Disk Controller
- j. Documentation

2. 64K DYNAMIC RAM.

3. TELEVIDEO 912C featuring :

- a. Reverse Video
- b. Blinking / Blank-Fields
- c. Upper/Lower case Char.
- d. Protected Fields
- e. Underlining
- f. Non-Glare Screen
- g. 12 X 10 Character Resolution
- h. Blinking Cursor
- i. 9 BAUD rates (75-9600 BAUD)
- j. Self Test
- k. Auxiliary Port
- l. Keyboard & Numeric Pad

4. ANADEX DP-9500 SERIES GRAPHIX PLUS PRINTER featuring :

- a. Up to 220 Columns
- b. Double Width Printing
- c. 50 to 200 Lines/Min.
Up to 200 CPS.
- d. High Density Graphics
- e. Bi-Directional Printing
- f. Adjustable Width Tractor Feed
- g. 6 or 8 Lines per Inch
- h. Horizontal & Vertical Tabs
- i. Self Test
- j. Complete Forms Control
- k. Original PLUS 5 Copies

5. PLUS ONE OF THE FOLLOWING DISK DRIVE SETS :

a. 2*5 ¹ / ₄ "Floppy (400K Bytes)	b. 2*8"Floppy (1MBytes)	c. 2*8"Floppy (2MBytes)	d. 8"Floppy 5 ¹ / ₄ "Winch. (6MBytes)	e. 8"Floppy 8" Hard Dk (11MB)	f. 8"Floppy 14" Hard Dk (27 MB)
FOR	FOR	FOR	FOR	FOR	FOR
\$5350.	\$5650.	\$6150.	\$7750.	\$7960.	\$8995.

The following options are available on all systems :

OPTION 1 : If you want a full WORD PROCESSING STATION , replace the ANADEX printer (item 4) with the NEC SPINWRITER + the I/O MASTER FIFO interface Board and WORDSTAR from MICROPRO for an additional + \$ 1450.00 .

OPTION 2 : If you want a low cost Line Printer, replace the ANADEX printer with the BASE 2 MODEL 800 for a price adjustment of - \$ 600.00

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